

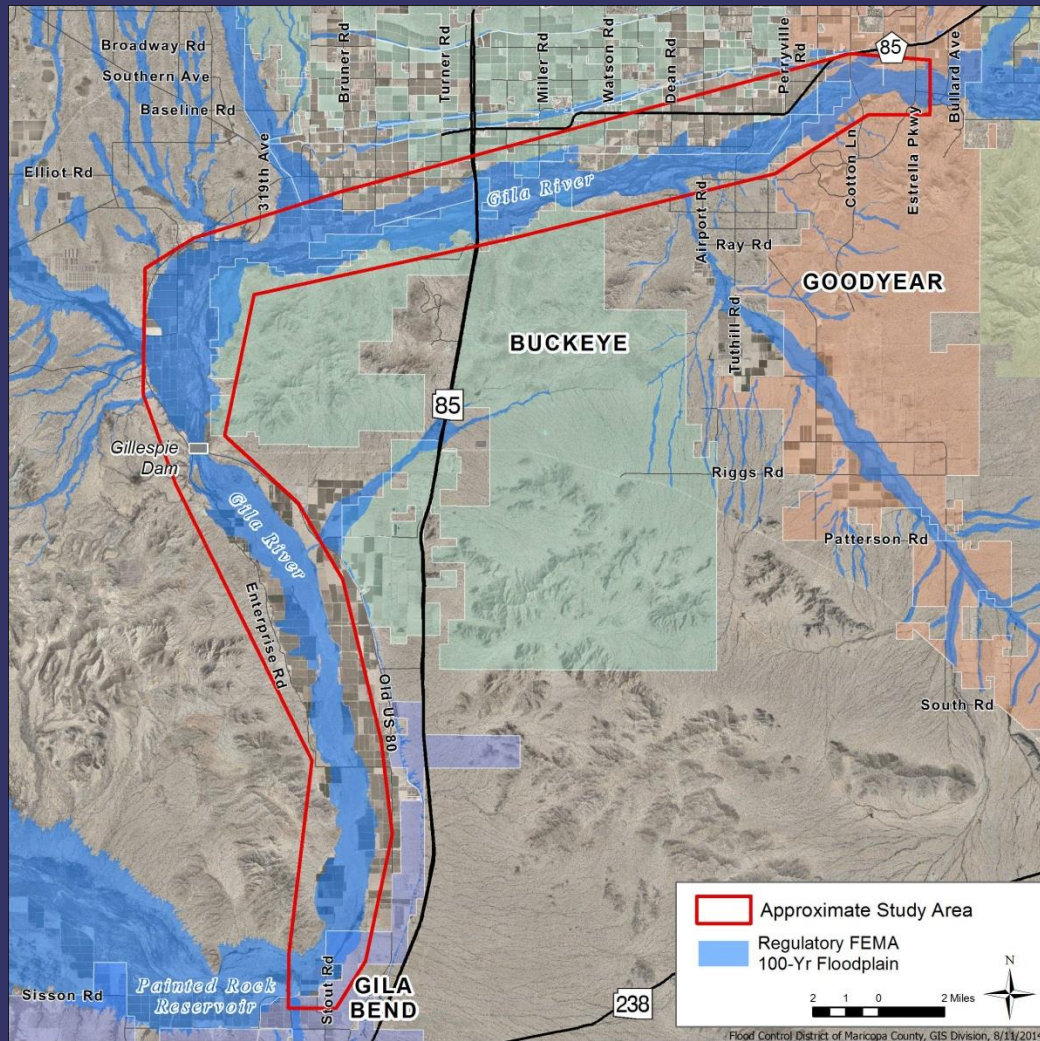


September 24 & 25, 2014

# **Lower Gila River Floodplain Delineation Study**

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Project Manager  
Hydrology & Hydraulics Branch

# Lower Gila River Floodplain Delineation Study



# Reason we are here

- Present the Preliminary Results of Study
- Explain what the results mean to you
- Provide information on next steps

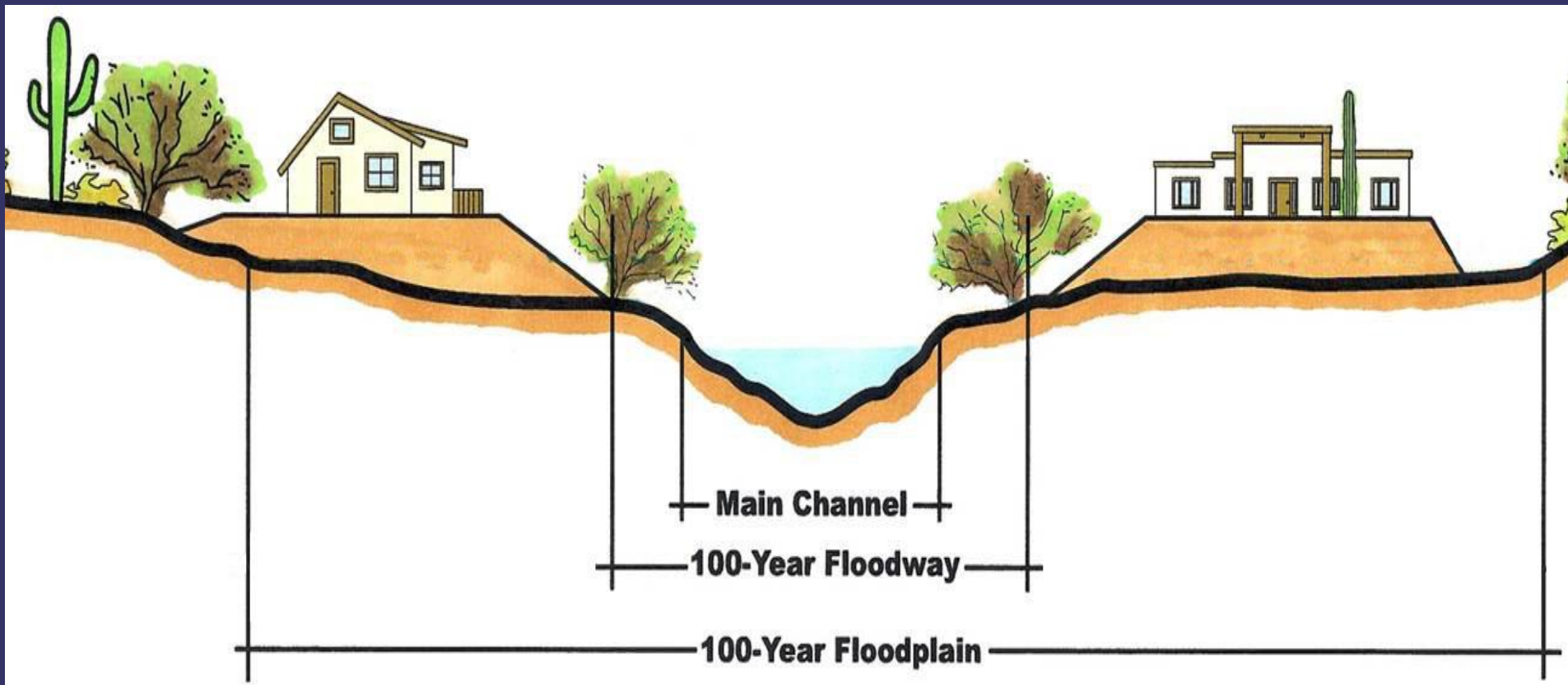


# What is a 100-Year Flood?

- The flood event that has a 1% chance of occurring in any year

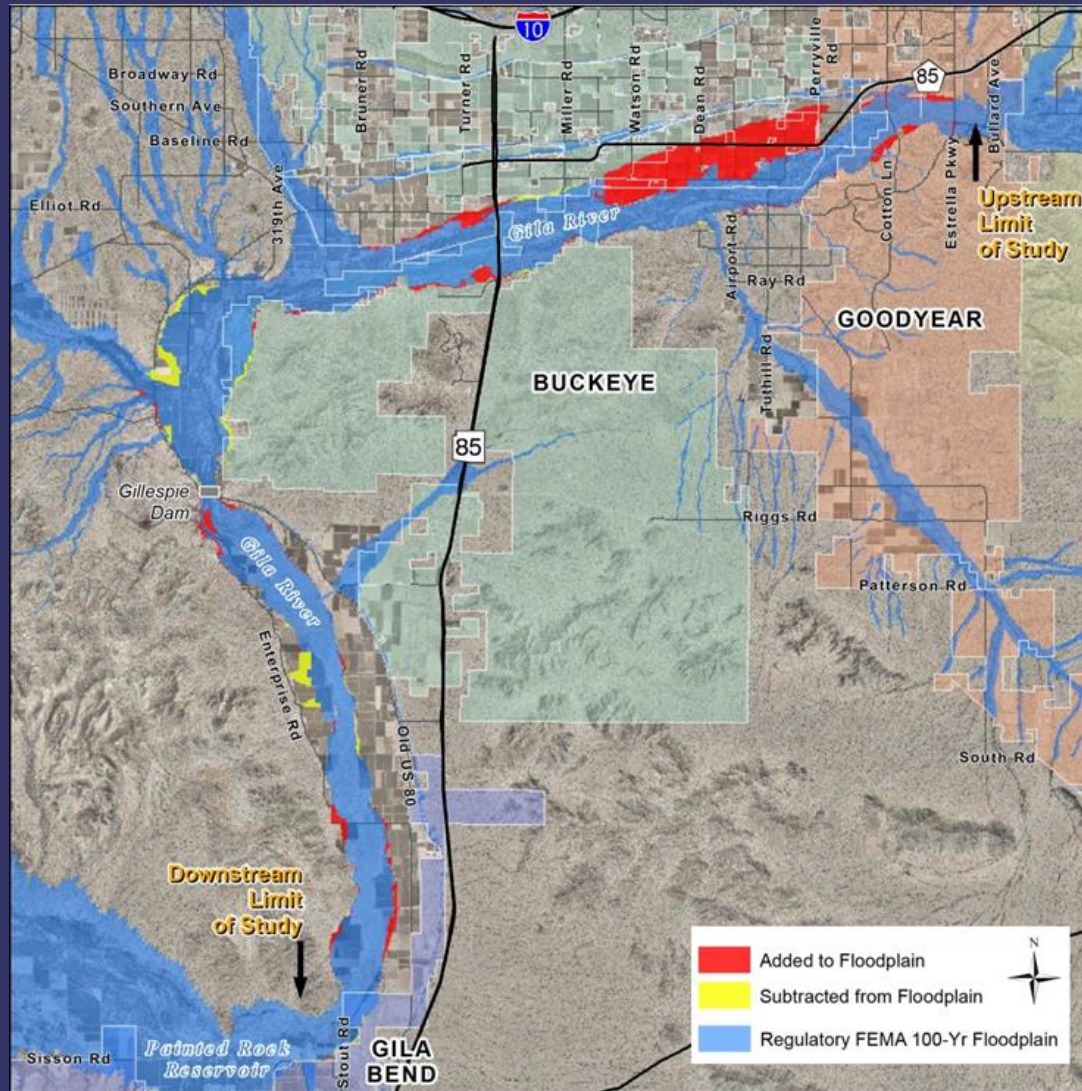


# What is a Floodway?





# Preliminary Results



**Map Labels:** Gillespie Dam, Buckeye, Gila Bend, Gila River, 08 S N PLO, Sisson Rd, Watermelon Rd, Stout Rd, Painted Rock Reservoir, Downstream Limit of Study, Woods Rd, 85, 101, 230.

**Legend:**

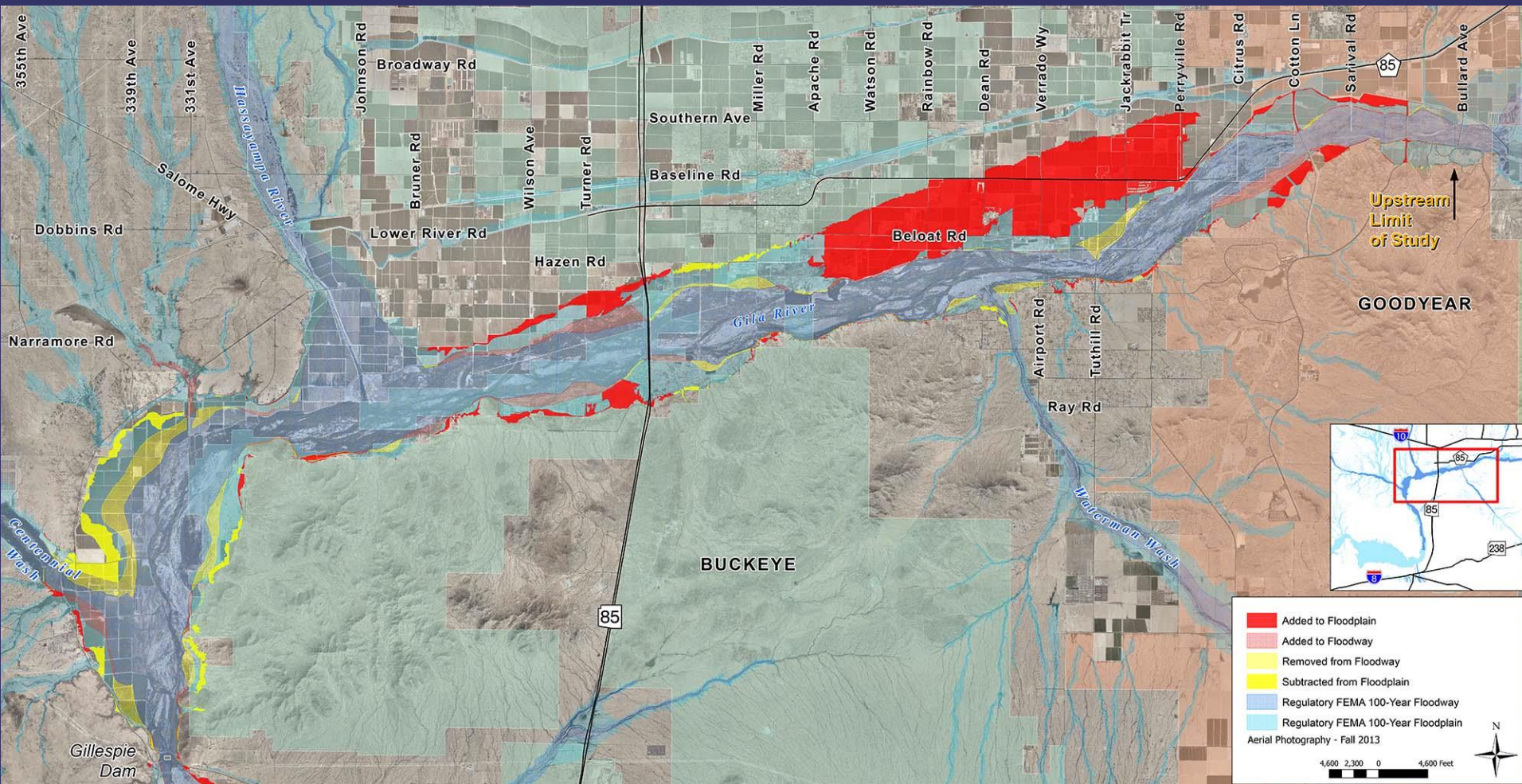
- Added to Floodplain (Red)
- Removed from Floodway (Yellow)
- Regulatory FEMA 100-Year Floodway (Blue)
- Added to Floodway (Pink)
- Subtracted from Floodplain (Light Blue)
- Regulatory FEMA 100-Year Floodplain (Light Blue)

**Document Path:** \\maricopa\fsd\maricopa.gov\GIS\work\p\downstream\registor\_2\GIS\aprv\01\downstream\_A0001\_2\F006.mxd

**Source:** Flood Control District of Maricopa County, GIS Division, 8/28/2014

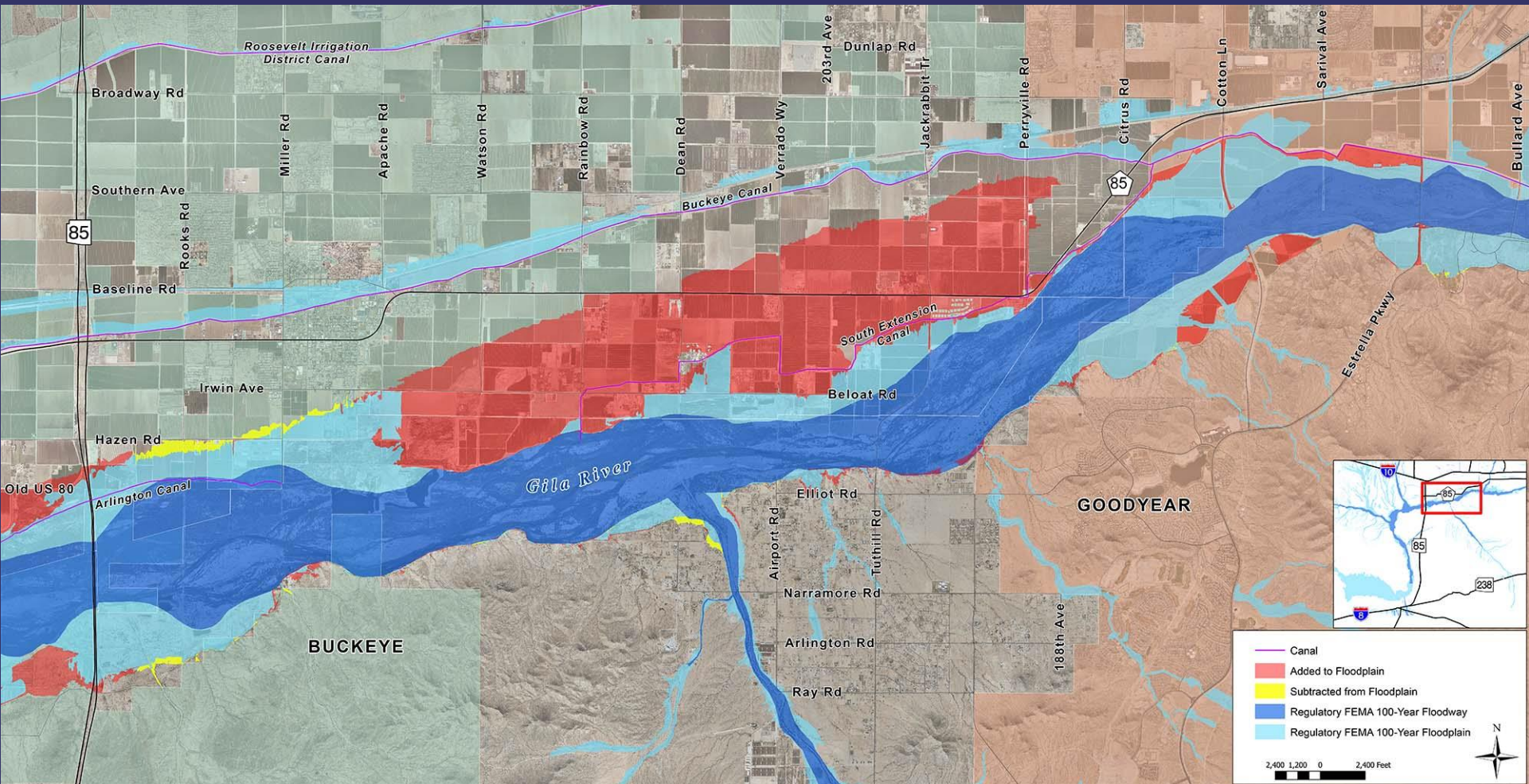


# Preliminary Results - Reach 2



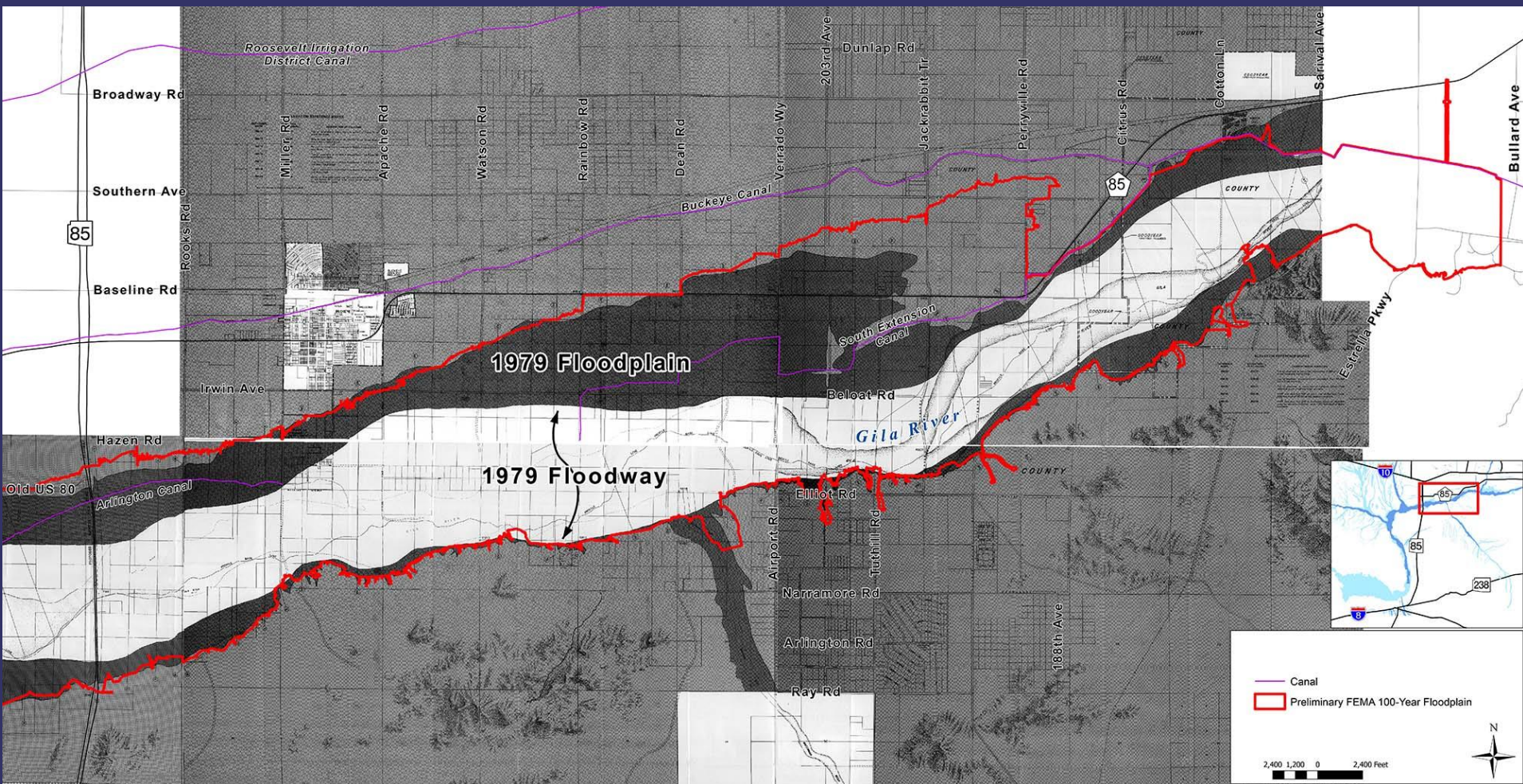


# Preliminary Results – Buckeye Slough



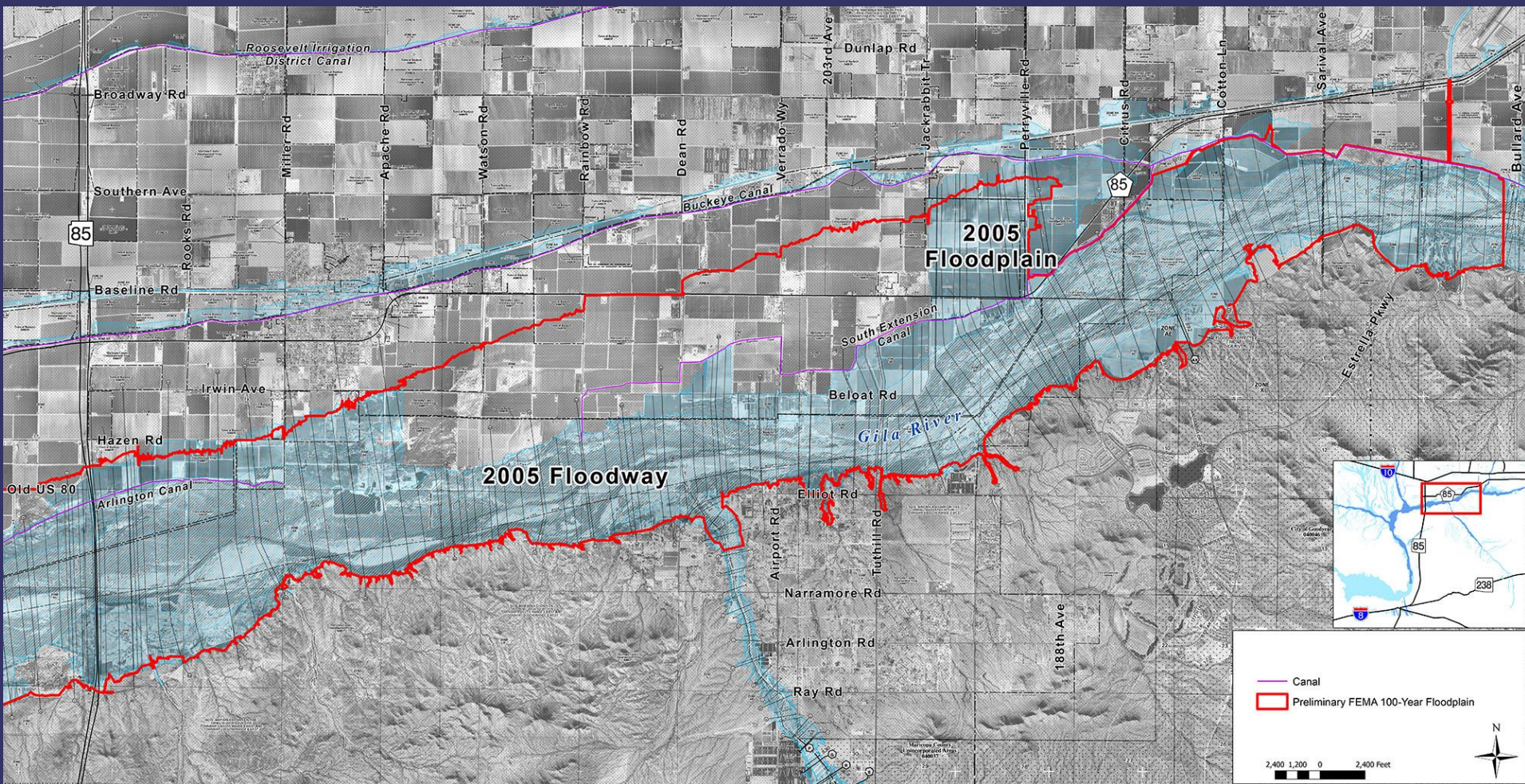


# Buckeye Slough – 1979 FIRM Panel



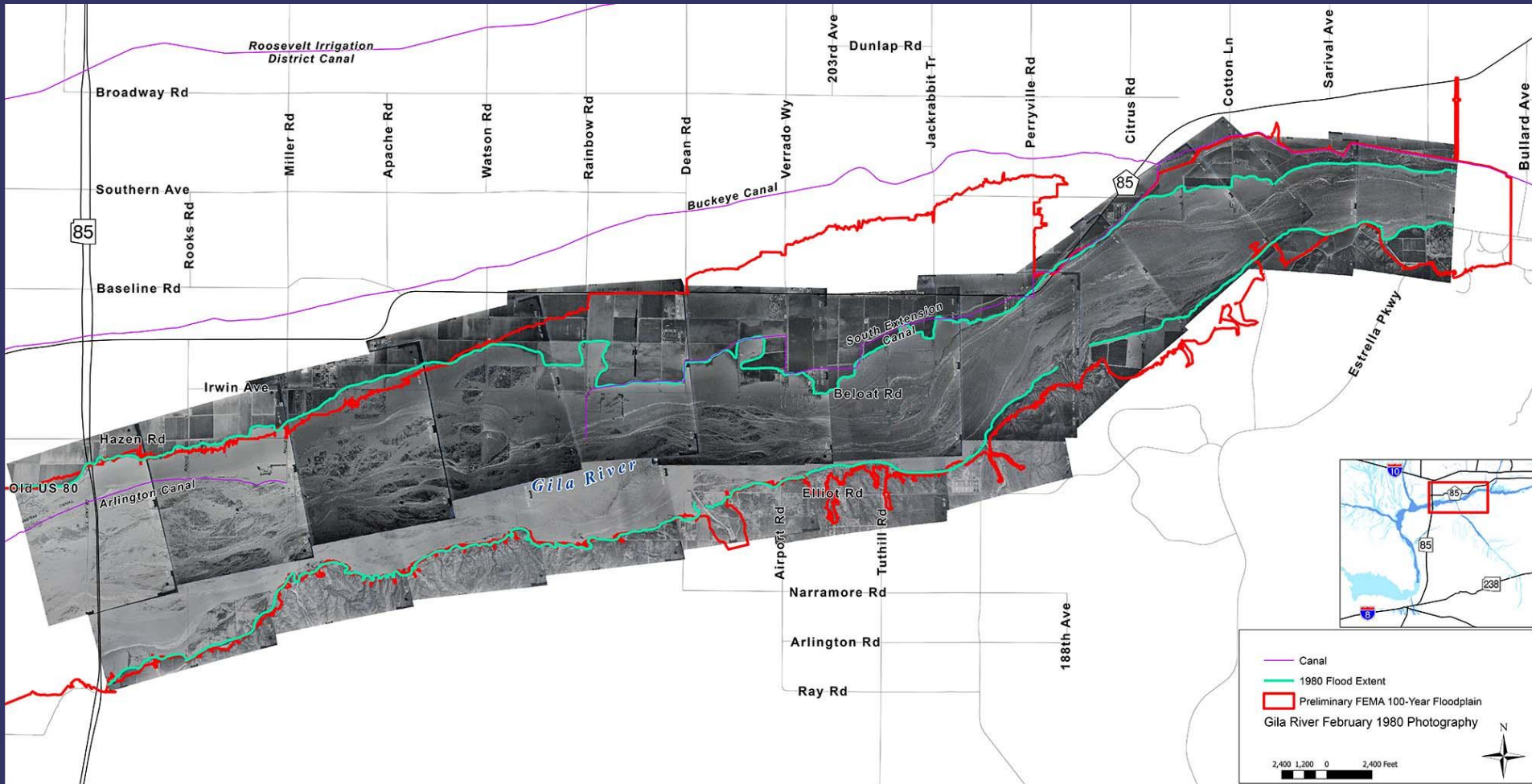


# Buckeye Slough – 2005 FIRM Panel





# Buckeye Slough – 1980 Flood



# What the results mean to you

- If you are in the floodplain/floodway:
  - Your home & property may be at risk of flooding.
  - If you have a federally backed mortgage, you may be required by your mortgage company to purchase flood insurance.
  - A Floodplain Use Permit is required for development within the floodplain or floodway. Limited uses are permitted within the floodway.



# What are the next steps?

- Posting study data on website on Oct. 27, 2014.
- Comment period through May 1, 2015.
- Sending the study to FEMA sometime after May 1, 2015.
- When the study is sent to FEMA, the county begins regulating to it. New development within the current or new floodplain or floodway requires a Floodplain Use Permit (Gila Bend, Buckeye, Unincorporated County).
- FEMA will review the study and publish new Flood Insurance Rate Maps (FIRMs) for the area. Mortgage companies require flood insurance.





# Future Projects

- Structure Surveys: District will offer a structure survey for existing homes shown within the newly added portion of the preliminary floodplain.
- Community Driven Solutions: There are currently no funded construction or remediation projects.



# General Questions

